



Rhode Island Department of Transportation

REMOVAL OF THE OLD JAMESTOWN BRIDGE

**Jamestown and North Kingstown, Rhode Island
West Passage, Narragansett Bay**

The Old Jamestown Bridge No. 400



*Removal of the
Old Jamestown Bridge*



**State of Rhode Island
Department of Transportation**

Project Location



*Removal of the
Old Jamestown Bridge*



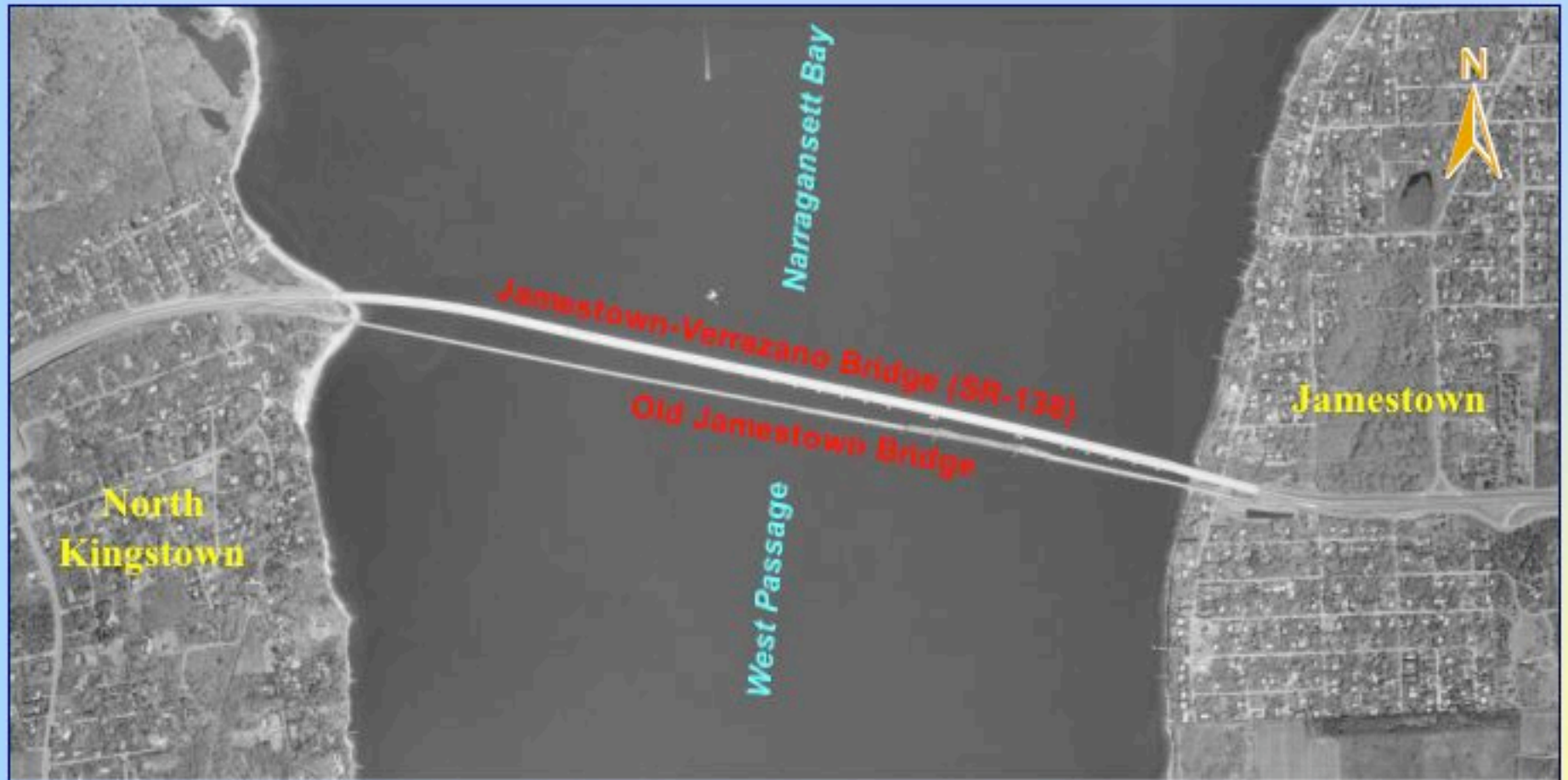
**State of Rhode Island
Department of Transportation**

Old Jamestown Bridge No. 400

- Spans the West Passage of Narragansett Bay between the towns of North Kingstown and Jamestown
- Bridge completed in 1940, remained in service until 1992
- Length is approximately 7,000 feet between abutments
- Replacement structure (Jamestown-Verrazano Bridge) constructed directly north of old bridge



Project Aerial View



Removal of the
Old Jamestown Bridge



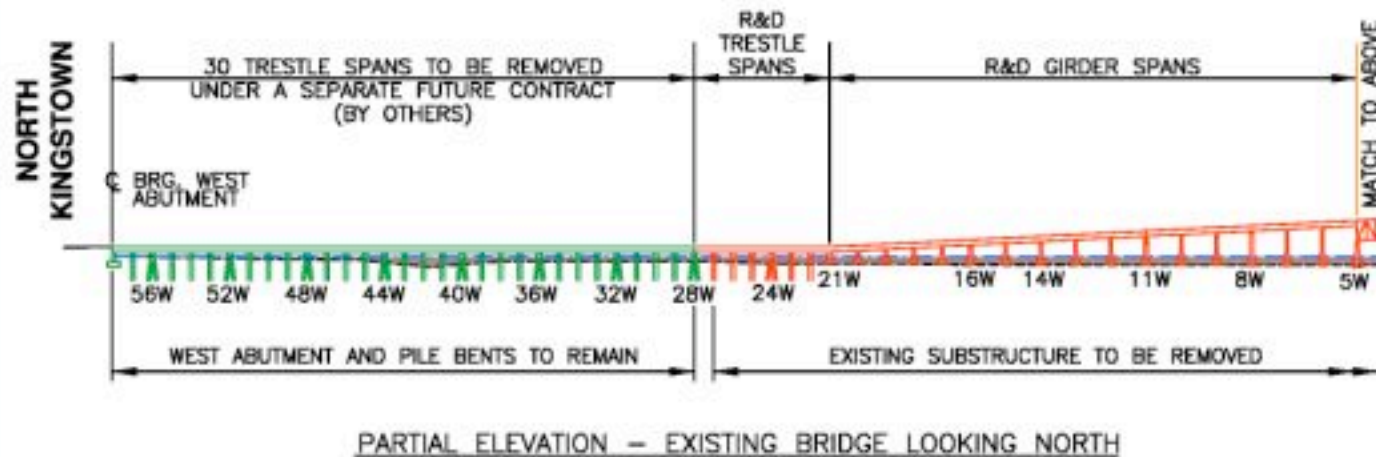
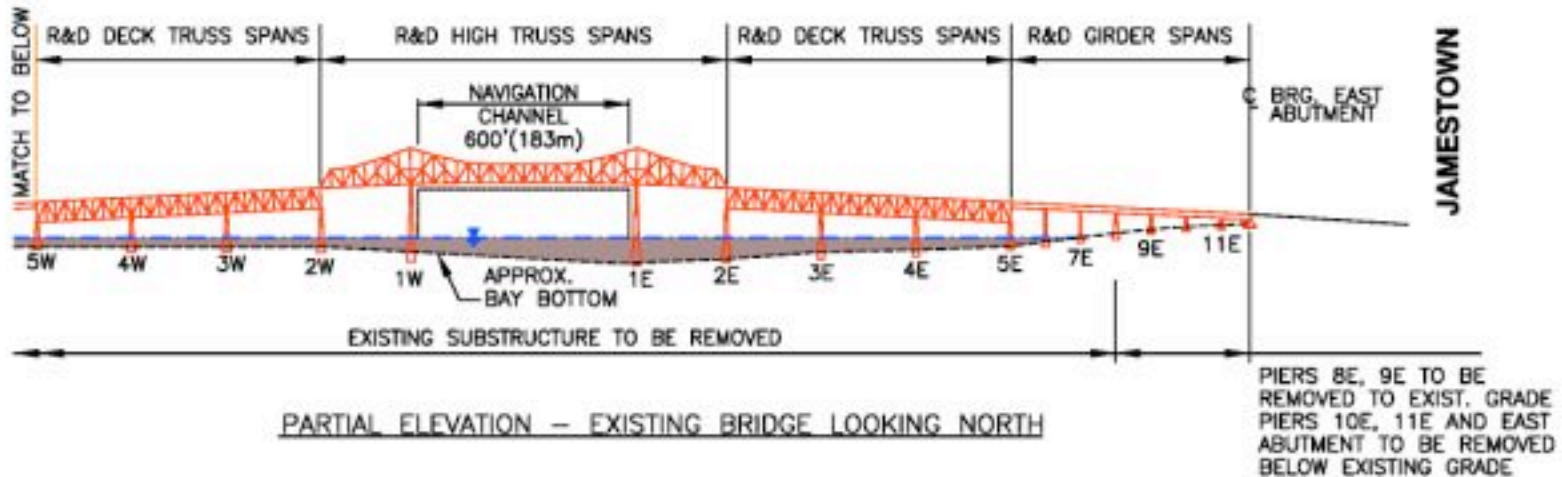
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Bridge Removal Project

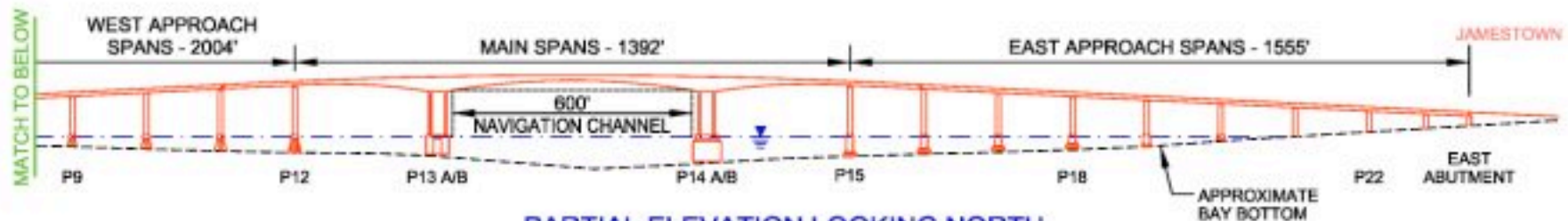
- Easterly _ of bridge superstructure and portions of the substructure to be demolished and removed, from Pier 28W to the East Abutment (Jamestown)
- Approximately 6,000 tons of structural steel and 25,000 cubic yards of concrete debris will be generated
- Structural steel to be removed and disposed/salvaged
- Concrete debris from bridge deck and substructure units to be used to create marine artificial reefs in offshore waters at designated location(s)
- Demolition constraints include the following:
 - avoidance of impacts to the adjacent Jamestown-Verrazano Bridge
 - minimization of navigational channel closure and closures of the Jamestown-Verrazano Bridge
 - minimization of disturbance to the marine environment



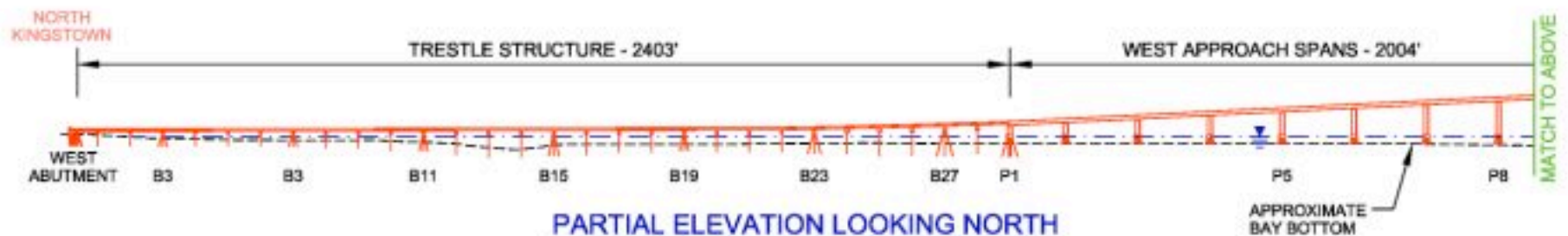
Bridge Demolition - Elevation View



Jamestown-Verrazano Bridge - Elevation View



PARTIAL ELEVATION LOOKING NORTH
JAMESTOWN-VERRAZANO BRIDGE



PARTIAL ELEVATION LOOKING NORTH
JAMESTOWN-VERRAZANO BRIDGE

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Artificial Reefs

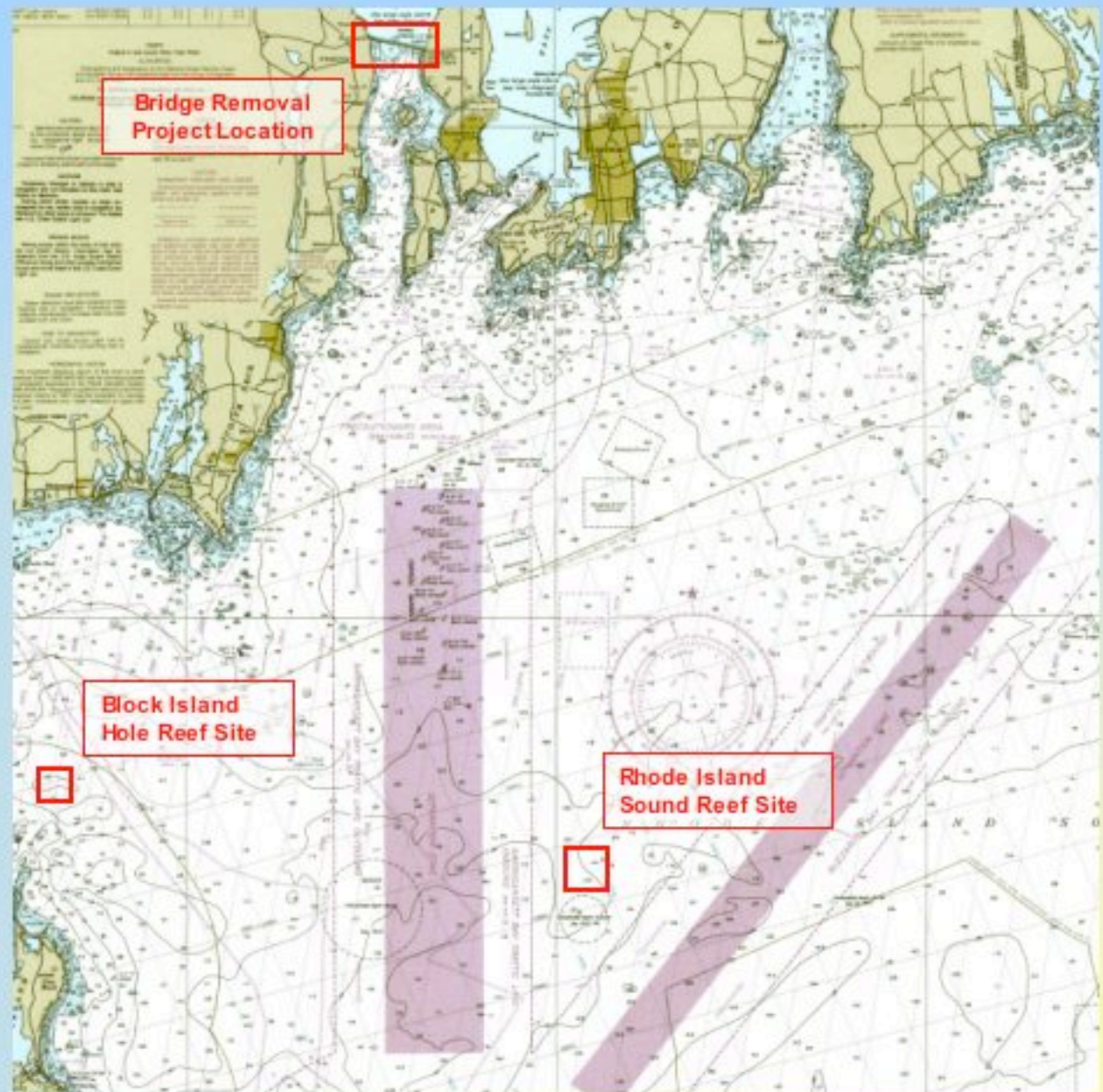
Concrete bridge debris to be deployed via barge to two offshore locations:

1. Rhode Island Sound Site

Approximately 12 miles southeast of Newport

2. Block Island Hole Site

Approximately 3.5 miles northeast of Sand Point (Block Island)



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**For additional information concerning this project, please contact
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Ext. 4020.**